

(19) World Intellectual Property  
Organization  
International Bureau



549268

(43) International Publication Date  
23 September 2004 (23.09.2004)

PCT

(10) International Publication Number  
WO 2004/080182 A2

(51) International Patent Classification<sup>7</sup>: A01N 43/40,  
47/36

(21) International Application Number:  
PCT/EP2004/002632

(22) International Filing Date: 12 March 2004 (12.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/453,973 13 March 2003 (13.03.2003) US

(71) Applicant (for all designated States except US): BASF  
AKTIENGESELLSCHAFT [DE/DE]; 67056 Lud-  
wigshafen am Rhein (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ZAGAR, Cyril  
[DE/DE]; Untere Clignetstrasse 8, 68167 Mannheim  
(DE). BURNHAMS, Adam, F. [GB/US]; 103 Whis-  
perwood Drive, Cary, NC 27511 (US). DOMBO, Peter

[DE/DE]; Vorderstrasse 12, 65207 Wiesbaden (DE). LAN-  
DES, Andreas [DE/DE]; Grünwaldstrasse 15, 67354  
Römerberg Heiligenstein (DE). SIEVERNICH, Bernd  
[DE/DE]; Bertolt-Brecht-Str. 18a, 67454 Hassloch (DE).  
VANTIEGHEM, Herve, R. [BE/DE]; Mörikestrasse 5,  
76297 Stutensee (DE).

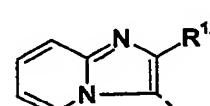
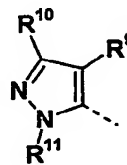
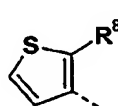
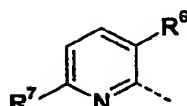
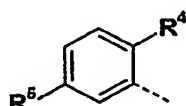
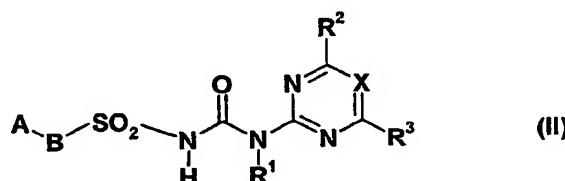
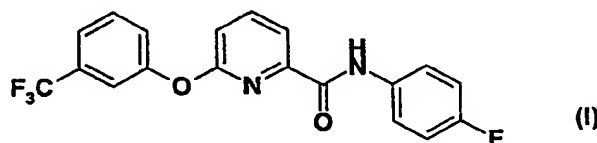
(74) Common Representative: BASF AKTIENGE-  
SELLSCHAFT; 67056 Ludwigshafen am Rhein (DE).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: HERBICIDAL MIXTURES



(57) Abstract: A synergistic herbicidal mixture comprising A) picolinafen; or one of its environmentally compatible salts; and B) a synergistically effective amount of at least a sulfonylurea of formula II, wherein the variables A, B, X and R<sup>1</sup> to R<sup>3</sup> have the meanings given in the specification; and, if desired, C) at least a safener. Compositions comprising these mixtures, processes for the preparation of these compositions and their use for controlling undesired plants.



GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— *without international search report and to be republished upon receipt of that report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*